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Micon ALU-H₂O

WATER BASED ALUMINIUM COATING

Micon ALU-H₂O is a durable, water-based, specially formulated aluminium acrylic coating developed to protect surfaces from weathering and U.V degradation.

Micon ALU-H₂O has excellent elongation and tensile strength.

Micon ALU- H₂O dries to a flexible, slightly textured film with a beautiful metallic finish, which will significantly slow down the aging of the roofing or piping systems.

Micon ALU- H₂O is recommended for use on metal, torch on, mineral surface, emulsion, composition shingle, and modified roofing systems.

PRODUCT USES

- Reflective coating for Torch-on bitumen and other bitumen waterproofing systems.
- General purpose aluminium coating for concrete substrates and steel roofing.
- Protective coating for steel piping systems.
- For new or previously coated surfaces.

ADVANTAGES

- Water Based
- Environmentally friendly
- Protects against ultraviolet degradation.
- Excellent adhesion properties.
- Flexible with high tensile strength
- Weather resistant.
- Highly reflective, assists in heat reduction
- Ready to use.

COVERAGE

- 7 m² per litre per coat.

PREPARATION INSTRUCTIONS: Torch-On Roofing Application

- Repair or replace any crack's, breaks, open seams and damaged waterproofing
- prior to coating with Micon Alu-H₂O

- Surface must be clean, dry and free of dirt, dust, oil, grease, wax, rust, chalky or loose paint, mildew and any other surface contamination that may inhibit adhesion.

• **New bitumen and torch-on surfaces**

- It is advisable that should the torch –on should be weathered and aged for up to 6-8 weeks.

• **Weathered bitumen and torch-on surfaces**

- Surface must be clean, dry and free of dirt, dust, oil, grease, wax, rust, chalky or loose paint, mildew and any other surface contamination that may inhibit adhesion.
- Clean surfaces with a water and if necessary, a detergent solution to remove oils and other stubborn residues. Wash over with water and allow to dry.

PREPARATION INSTRUCTIONS: METAL

• **New Galvanized Iron**

- Rub down with a galvanized iron aqua rinse.
- Prime surface with a Galvanized Iron Primer and allow to dry.

• **Weathered Galvanized Iron**

- Remove all rust and chalky or loose paint, mildew if any with sand paper or scrubbing with a wire brush until in a suitable condition.
- Prime with a galvanized iron primer the same day immediately to avoid flash rust. Allow to dry.

• **New Steel Sections**

- Surface must be clean, dry and free of dirt, dust, oil, grease, wax, rust, chalky or loose paint, mildew and any other surface contamination that may inhibit adhesion.
- Prime steel surface with a suitable metal etch or oxide primer.

APPLICATION

- Do not thin Micon Alu-H₂O, it is ready to use.
- Stir Micon Alu-H₂O well prior and during use.
- Can be applied by brush, roller, and spray applications
- Depending on weather conditions allow for 6 hours in between coats.

CLEANING

- Clean equipment with water and if necessary a soapy detergent solution

TECHNICAL DATA

Pack size	5 litre, 20 litre
Overcoating Time	± 6 Hours
Touch dry	± 4 hours
Volume solids	50% to 51%
S.G	
Application temperature	10°C to 40°C
U.V. Resistance	Excellent
Density	1.059 g/cm ³
Toxicity	Non toxic
Shelf life	12 months
Storage	Cool, dry area below

